



Class	Subclass	ISSUE CLASSIFICATION

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U.S. UTILITY Patent Application

DOU. O.I.P.E. PATENT DATE
SCANNED SEM 4 Q.A. AA

APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	UNIT	ART UNIT	EXAMINER/NS
09/779586	F	372	431	2001	2828	Arroyo, Jackson

APPLICANTS THE TOSHIBA & Hayakawa

Laser apparatus including surface-emitting semiconductor excited with semiconductor laser element, and directly modulated

PTO-2040
12/89

ISSUING CLASSIFICATION

TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	(Assistant Examiner) _____ (Date) _____			NOTICE OF ALLOWANCE MAILED	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____ _____	(Primary Examiner) _____ (Date) _____			ISSUE FEE	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	(Legal Instruments Examiner) _____ (Date) _____			ISSUE BATCH NUMBER	

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